

## **SWP Water Quality Summary**

**December 16, 2003**

**Total Dissolved Solids:** TDS has increased significantly at Banks Pumping Plant since late November as a result of low San Joaquin River outflow, high tides and Cross Channel gate closure. Salinity should begin to subside in the south delta with increased Sacramento River flow. Salinity in the SWP remains in a tight range of 300-350 mg/L TDS.

**Bromide:** Bromide concentrations have mirrored the increase in TDS for the same reasons and range from about 0.25 to 0.35 mg/L.

**Turbidity:** Turbidity continues to remain low at all locations of the SWP.

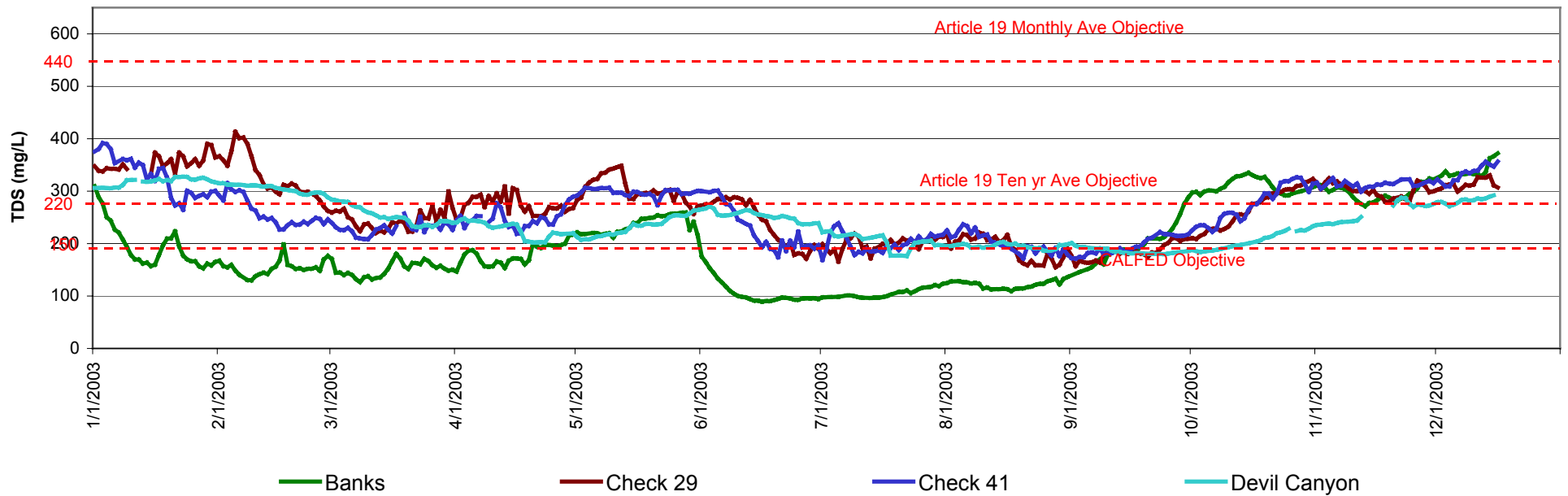
**Dissolved Organic Carbon:** DOC is still a bright spot in water quality. It remains low, < 3 mg/L system wide. It is likely to rise with the first significant runoff.

**Taste and Odor Compounds:** The taste and odor compound MIB, are low project wide, except for continuing elevated levels at Lake Perris, which was treated on November 13, 2003, but is still < 20 ng/l.

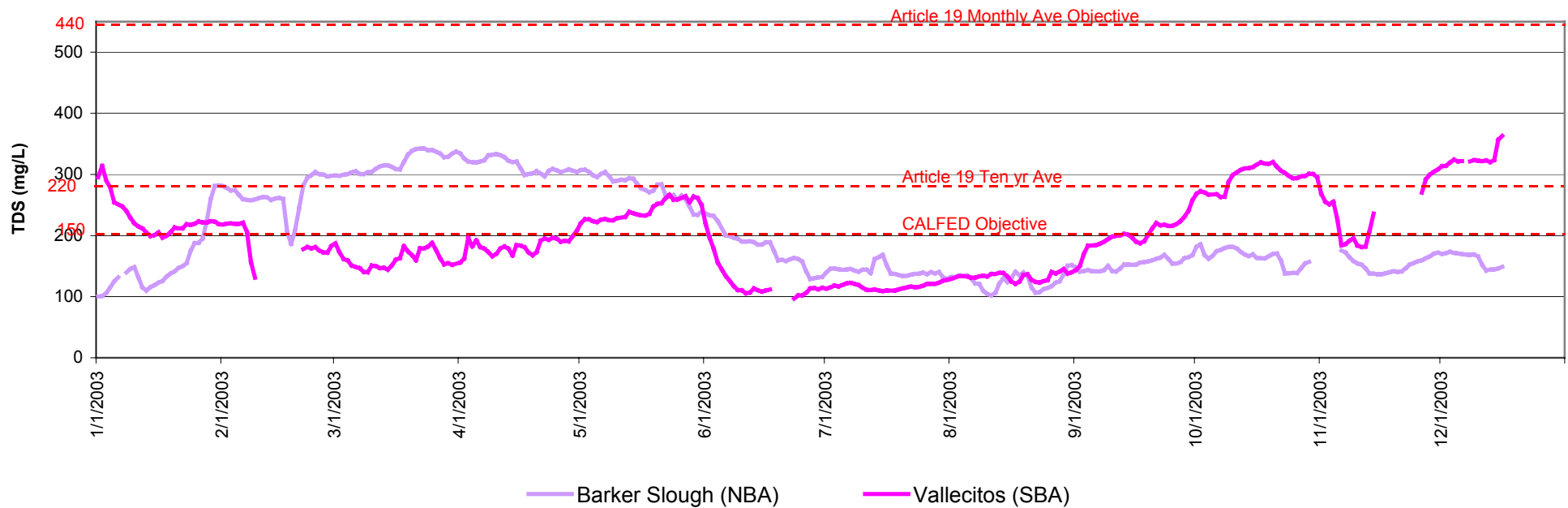
**Ground Water Pump-in:** No ground water pump-in during May through mid-December.

**For more information refer to:** <http://www.womwq.water.ca.gov> and  
<http://www.dpla.ca.gov/supply/sampling/mwq/main.htm>

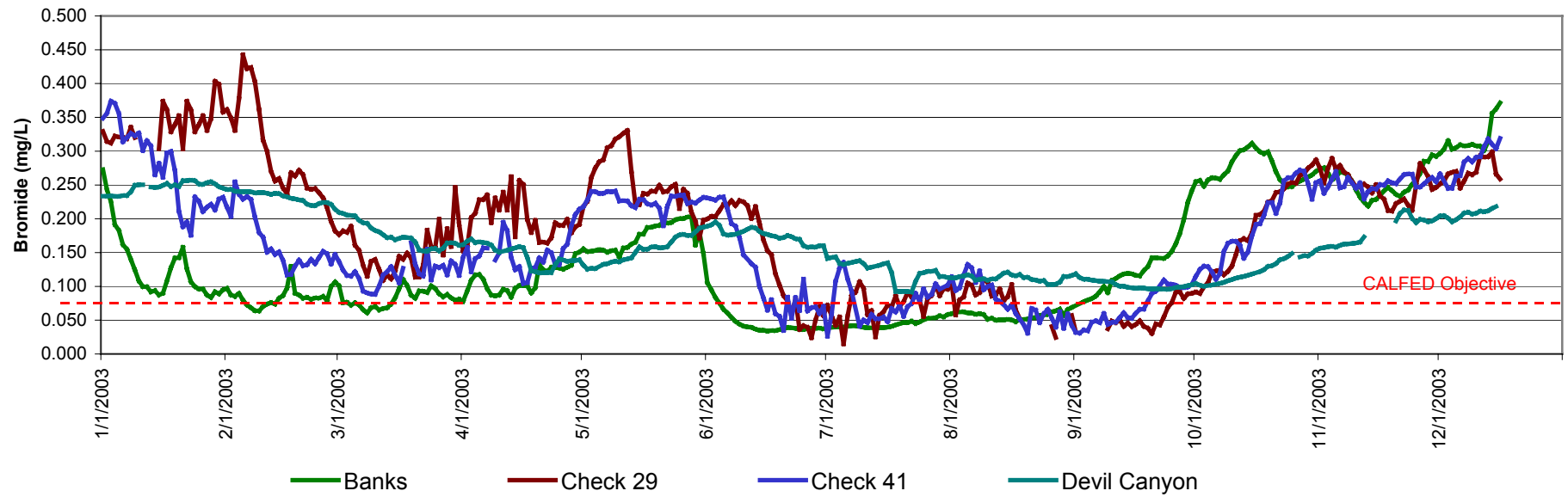
### California Aqueduct Calculated Total Dissolved Solids



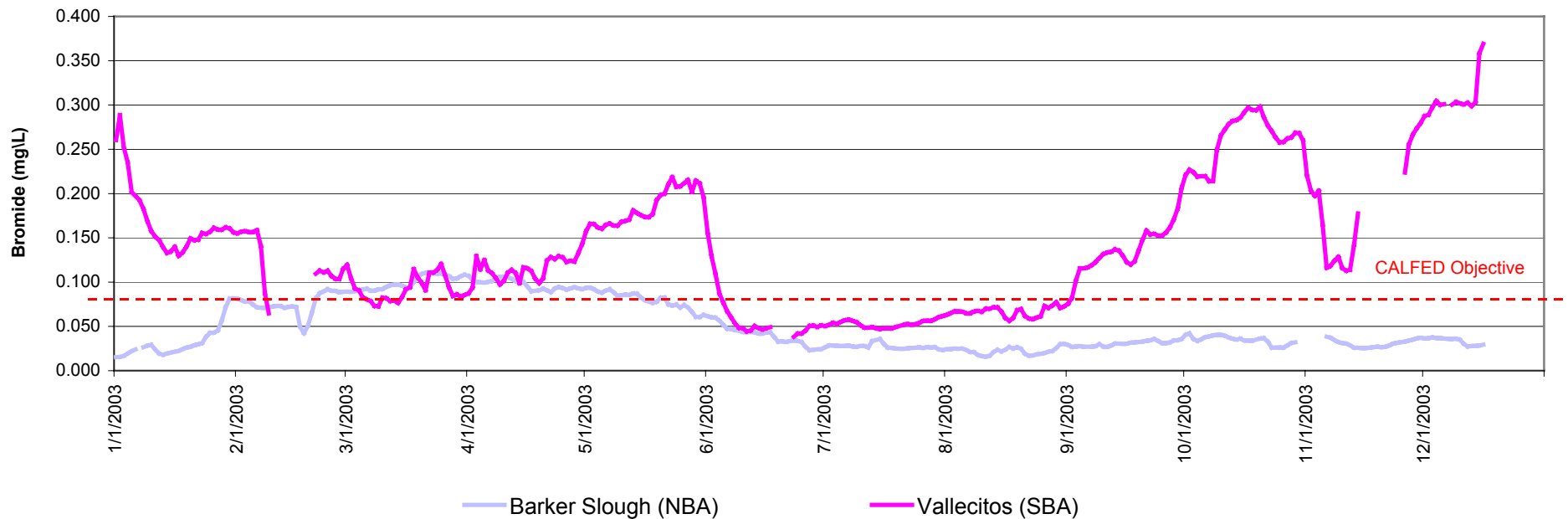
### North and South Bay Aqueduct Calculated Total Dissolved Solids



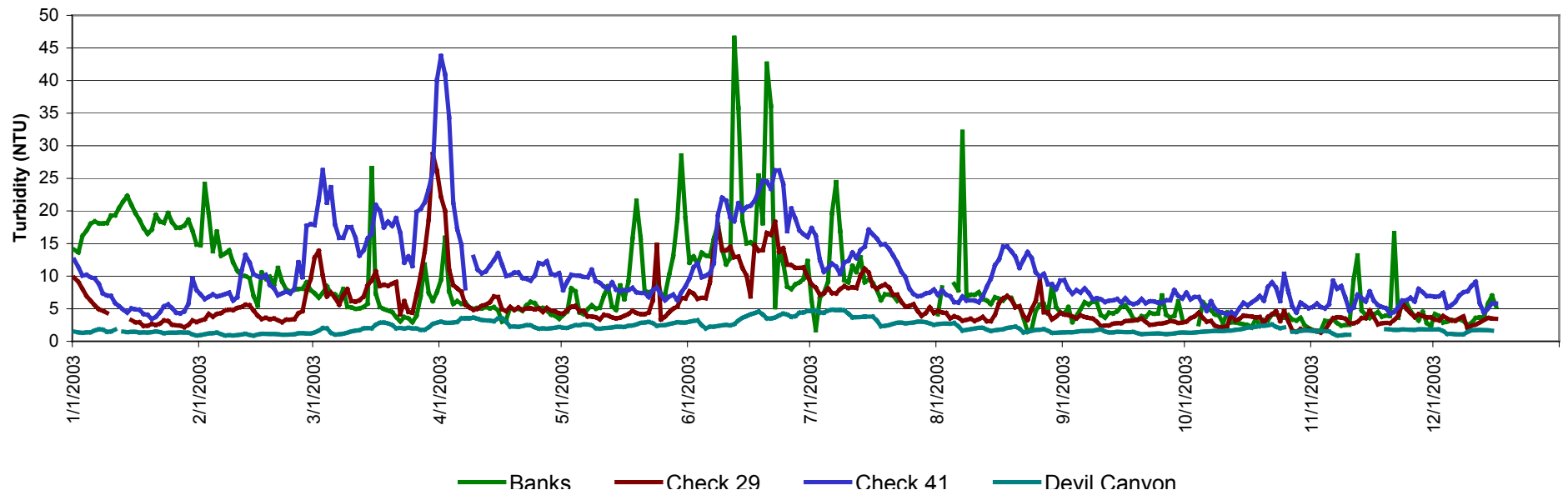
## California Aqueduct Calculated Bromide



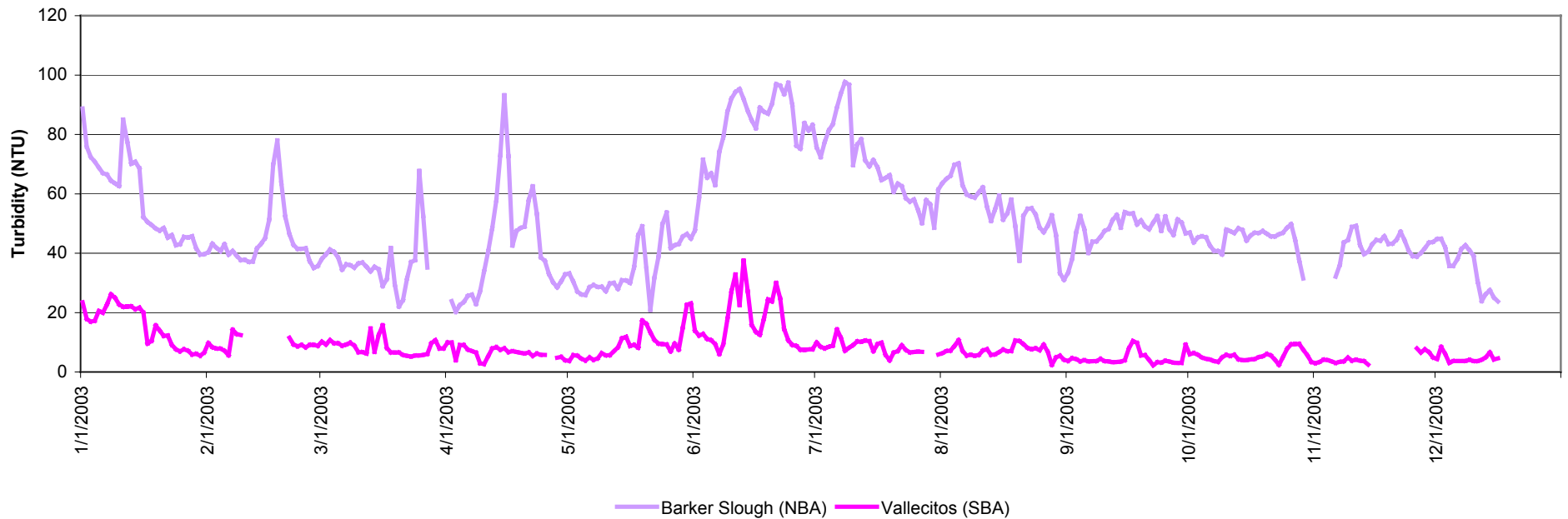
## North and South Bay Aqueduct Calculated Bromide



## California Aqueduct Turbidity



## North and South Bay Aqueduct Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

